

Notice of Allowability

Application No.

09/854,764

Applicant(s)

HOYOS, CARLOS A.

Examiner

Justin P. Misleh

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed July 5, 2007.
2. ☒ The allowed claim(s) is/are 1 – 18 and 34 – 48 (now respectively renumbered 1 – 33).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this Examiner's Amendment was given in a telephone interview with September 11, 2007 on Michael Cohen.

The application has been amended as follows:

CLAIMS

- **Claim 1** – Please **delete and replace** with the following:

“A remote control imaging system comprising:

an imaging platform connected to a support vehicle in which the imaging platform is capable of controllable motion about three orthogonal axes;

an imaging device attached to the imaging platform;

a telecontrol unit capable of being controlled by one operator, having a video display for displaying an output of the imaging device, one or more imaging platform motion controls, at least one of an iris controller, a zoom controller, and a focus controller for the imaging device, a selectable response speed control to control the speed of motion of the imaging platform about the three orthogonal axes, in which said telecontrol unit controls the movement of the imaging platform independent of flight control for said support vehicle;

a camera control handle fixed to the telecontrol unit, in which the camera control handle is capable of controlling the one or more imaging platform motion controls, the iris controller,

Art Unit: 2622

the zoom controller, the focus controller, and an imaging device on/off control, in which said camera control handle can be used in addition to or in lieu of the telecontrol unit.”

- **Claim 2 (lines 2 and 3)** – Please delete “remote control” and replace with “telecontrol unit”.

- **Claim 5 (line 1)** – Please delete “remote control” and replace with “telecontrol unit”.

- **Claim 9 (line 1)** – Please delete “imaging platform motion control” and replace with “one or more imaging platform motion controls”.

- **Claim 10 (lines 1 and 2)** – Please delete “imaging platform motion control” and replace with “one or more imaging platform motion controls”.

- **Claim 11 (lines 1 and 2)** – Please delete “iris, zoom, and focus controller” and replace with “the iris controller, the zoom controller, and the focus controller”.

- **Claim 12 (line 1)** – Please delete “remote control” and replace with “telecontrol unit”.

- **Claim 16 (line 1)** – Please delete “remote control” and replace with “telecontrol unit”.

- **Claim 17 (line 1)** – Please delete “remote control” and replace with “telecontrol unit”.

- **Claim 18 (line 1)** – Please delete “remote control” and replace with “telecontrol unit”.

- Please **CANCEL** Claims 19 – 33.

- **Claim 34** – Please **delete and replace** with the following:

“A device for use in a conventional arrangement for remotely operating an imaging device, an imaging platform capable of motion, and a support vehicle, including a plurality of operators and operating equipment, wherein the device comprises:

a remote control having a video display for displaying an output of the imaging device,
one or more imaging platform motion controls, at least one of an iris controller, a zoom

Art Unit: 2622

controller, and a focus controller for the imaging device, a selectable response speed control to control the speed of motion of the imaging platform about three orthogonal axes, in which said remote control controls movement of the imaging platform independent of flight control for said support vehicle;

a camera control handle fixed to the remote control, in which the camera control handle is capable of controlling the one or more imaging platform motion controls, the iris controller, the zoom controller, the focus controller, and an imaging device on/off control, in which said camera control handle can be used in addition to or in lieu of the remote control.”

o **Claim 39 (lines 1 and 2)** – Please delete “imaging platform motion control” and replace with “one or more imaging platform motion controls”.

o **Claim 40 (lines 1 and 2)** – Please delete “imaging platform motion control” and replace with “one or more imaging platform motion controls”.

o **Claim 41 (lines 1 and 2)** – Please delete “iris, zoom, and focus controller” and replace with “the iris controller, the zoom controller, and the focus controller”.

Allowable Subject Matter

3. **Claims 1 – 18 and 34 – 48 (now respectively renumbered 1 – 33)** are allowed.

4. The following is an Examiner’s statement of reasons for allowance:

The closest prior art teaches a remote control imaging system with an imaging platform capable of controllable motion about three orthogonal axes; an imaging device supported by the imaging platform; and a remote control having a video display for displaying the output of the

imaging device, one or more imaging platform motion controls, at least one of iris, zoom, and focus controller for the imaging device, and a camera control handle.

However, the closest prior art does not teach or fairly suggest a telecontrol unit capable of being controlled by one operator, having a video display for displaying an output of the imaging device, one or more imaging platform motion controls, at least one of an iris controller, a zoom controller, and a focus controller for the imaging device, a selectable response speed control to control the speed of motion of the imaging platform about the three orthogonal axes, in which said telecontrol unit controls the movement of the imaging platform independent of flight control for said support vehicle and a camera control handle fixed to the telecontrol unit, in which the camera control handle is capable of controlling the one or more imaging platform motion controls, the iris controller, the zoom controller, the focus controller, and an imaging device on/off control, in which said camera control handle can be used in addition to or in lieu of the telecontrol unit

5. Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

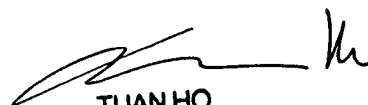
Conclusion

6. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Justin P Misleh whose telephone number is 571.272.7313. The Examiner can normally be reached on Monday through Friday from 8:00 AM to 5:00 PM.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Lin Ye can be reached on 571.272.7372. The fax phone number for the organization where this application or proceeding is assigned is 571.273.8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JPM
September 11, 2007



TUAN HO
PRIMARY EXAMINER